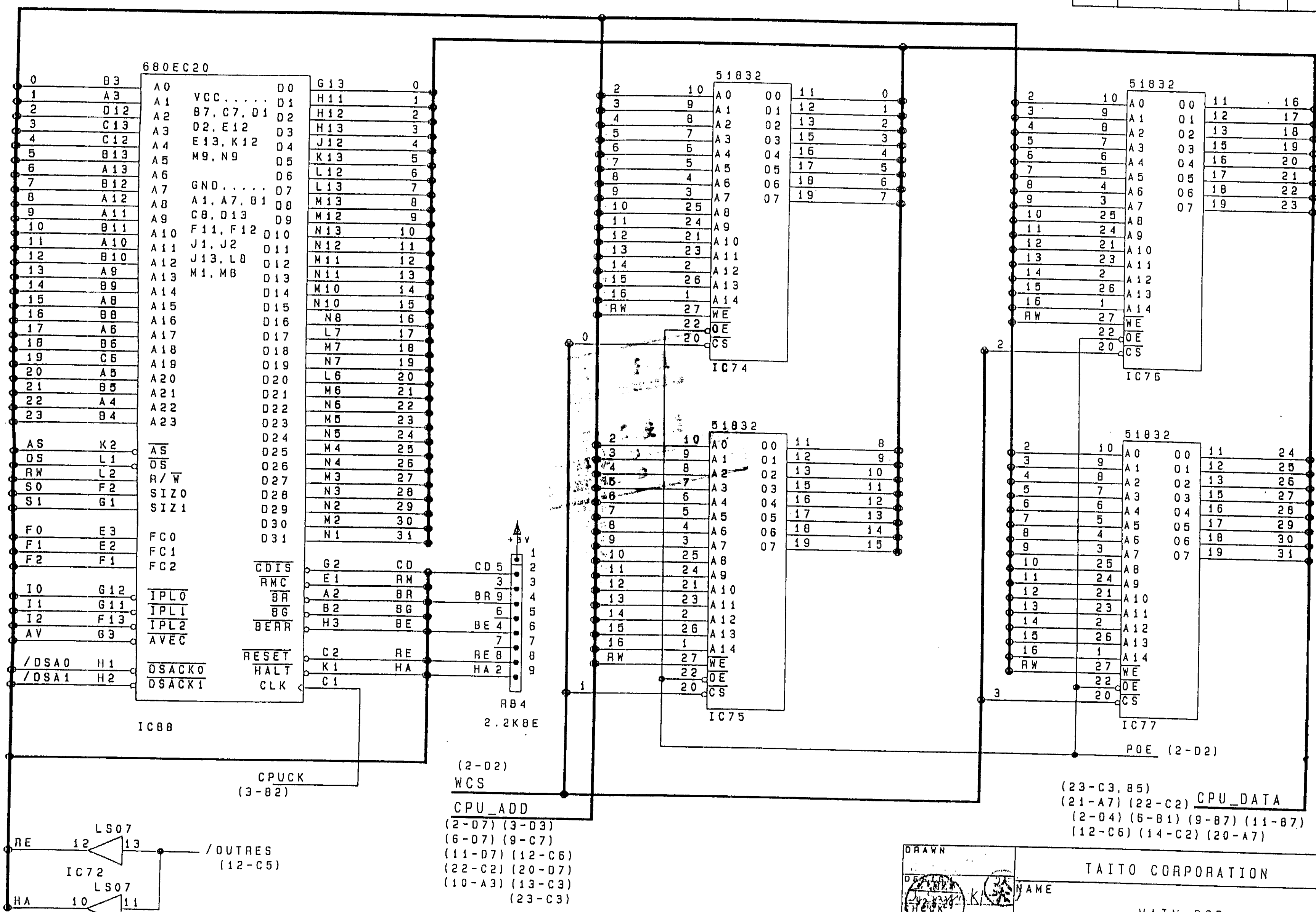


REVISIONS			
LTR	DESCRIPTION	DATE	APPRO

DRAWN

DESIGNED

CHECKED

APPROVED

APPROVED K. Morita

TAITO CORPORATION

NAME

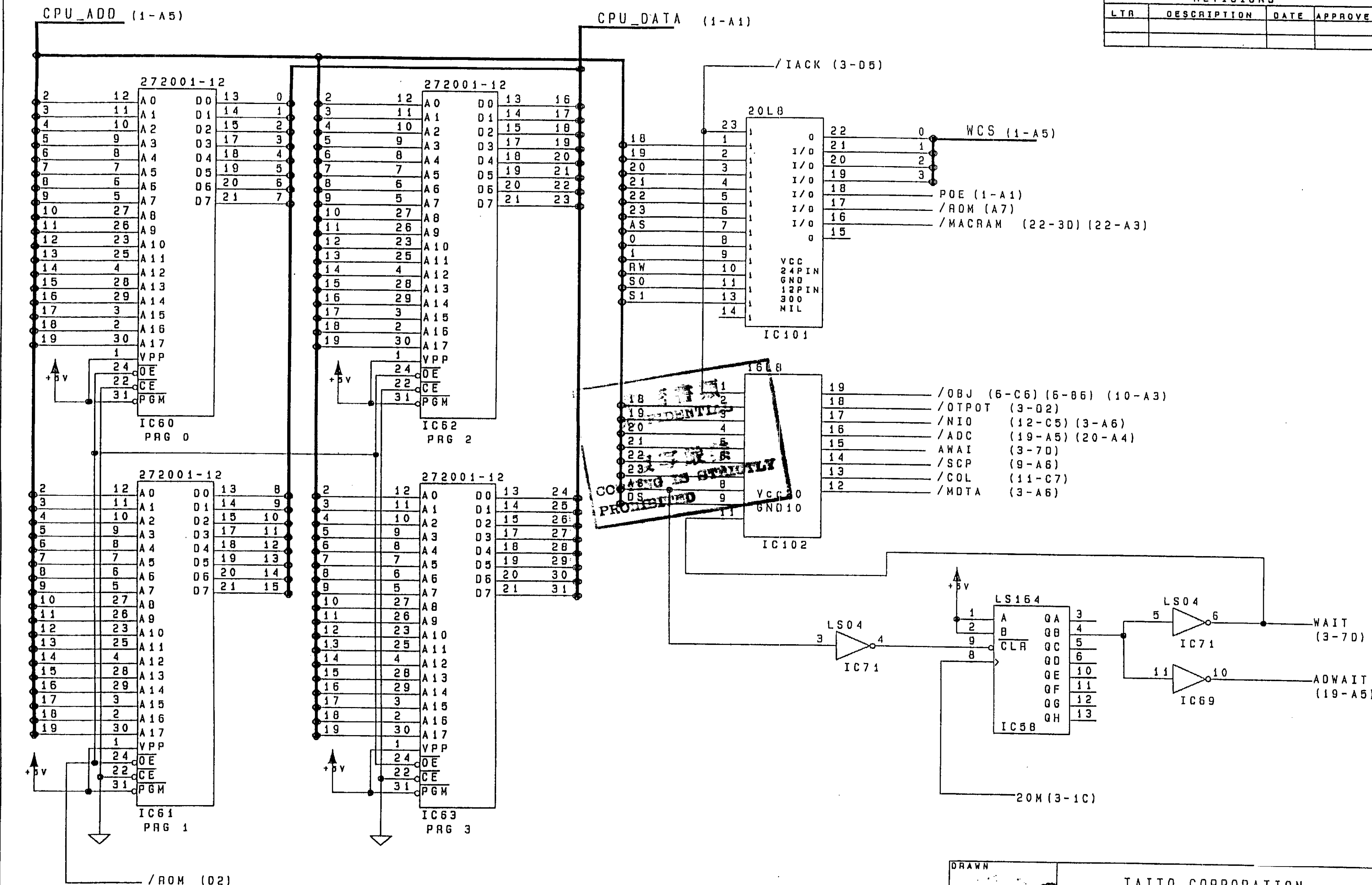
MAIN PCB

SCHEMATIC DIAGRAM

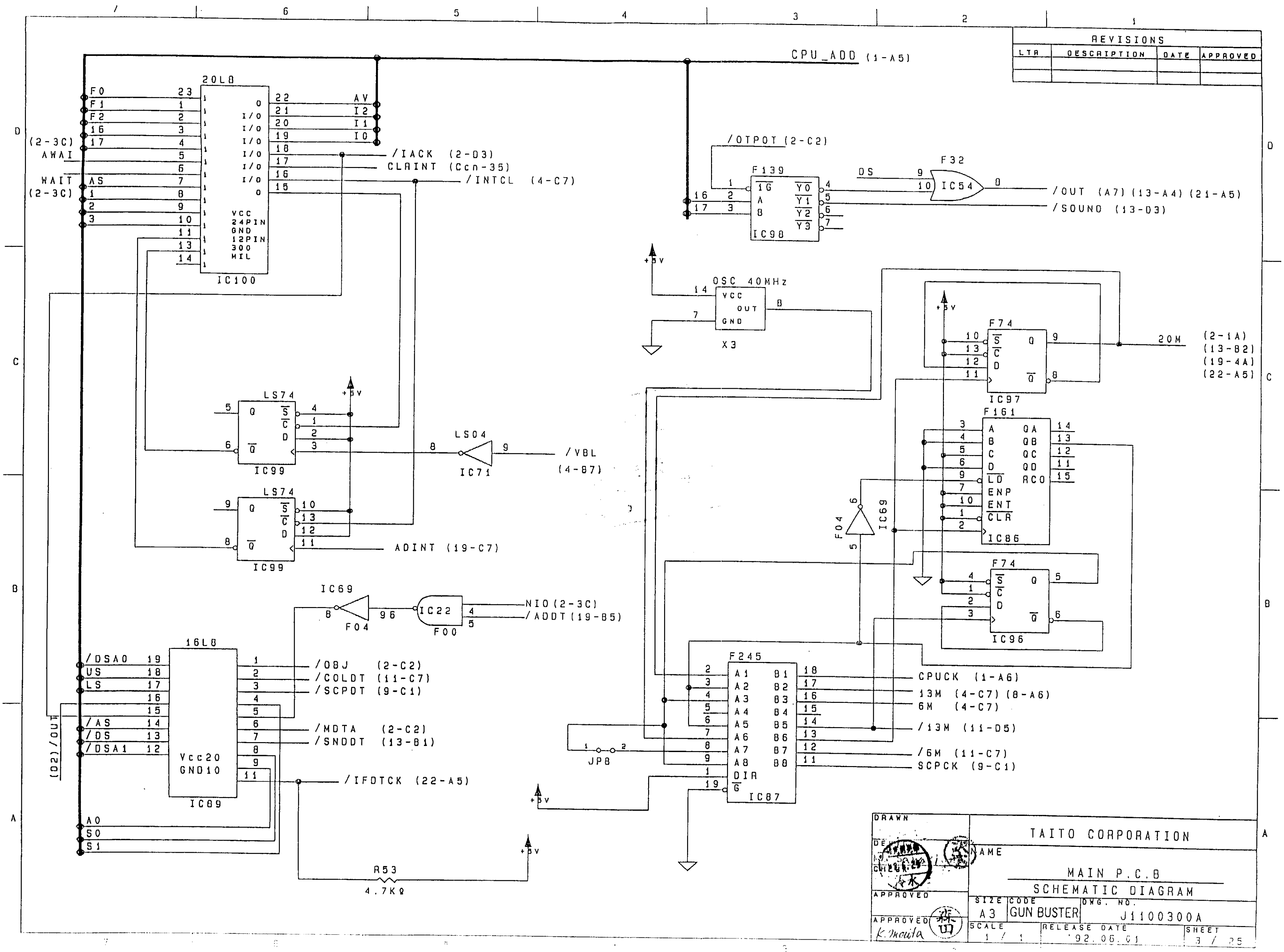
SIZE	CODE	DWG. NO.
A3	GUN BUSTER	J1100300A

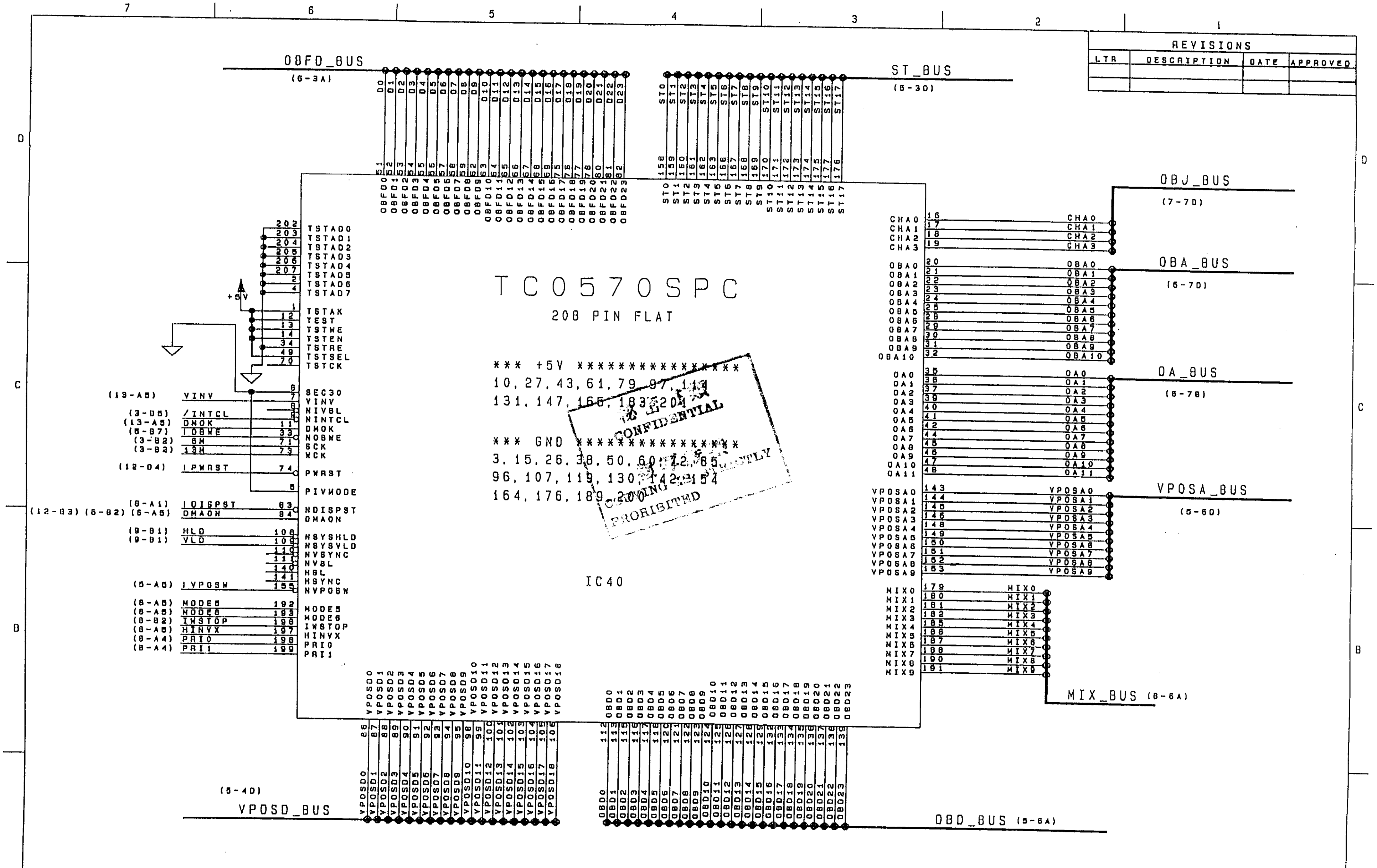
SCALE	RELEASE DATE	SHEET
1 / 1	'92.06.01	1 / 25

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



DRAWN	TAITO CORPORATION		
DESIGN	NAME		
CHECK	MAIN P.C.B SCHEMATIC DIAGRAM		
APPROVED	SIZE A3	CODE GUN BUSTER	DWG. NO. J1100300A
APPROVED	SCALE 1 / 1	RELEASE DATE '92.06.01	SHEET 2 / 25


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
CPU_ADD (1-A5)
20L8
IC100
VCC 24PIN
GND 12PIN
300 MIL
AV
I2
I1
I0
/IACK (2-D3)
CLRINT (Ccn-35)
/INTCL (4-C7)
F0
F1
F2
16
17
(2-3C)
AWAI
WAIT
(2-3C)
AS
/OTPOT (2-C2)
F139
IC98
F32
IC54
OS
/OUT (A7) (13-A4) (21-A5)
/SOUND (13-D3)
+5V
OSC 40MHz
VCC
OUT
GND
X3
F74
IC97
20M
(2-1A)
(13-B2)
(19-4A)
(22-A5)
F161
IC86
ENP
ENT
CLR
RCO
LS74
IC99
LS04
IC71
/VBL
(4-B7)
ADINT (19-C7)
F04
IC69
IC96
IC69
F04
IC22
F00
NIO (2-3C)
/ADDT (19-B5)
16L8
IC89
Vcc20
GND10
/DSA0
US
LS
/AS
/DS
/DSA1
(D2) /OUT
/OBJ (2-C2)
/COLDT (11-C7)
/SCPDT (9-C1)
/MDTA (2-C2)
/SNDDT (13-B1)
/IFDTCK (22-A5)
A0
S0
S1
R53
4.7KΩ
F245
IC87
JP8
DIR
CPUCK (1-A6)
13M (4-C7) (8-A6)
6M (4-C7)
/13M (11-D5)
/6M (11-C7)
SCPCK (9-C1)
DRAWN
APPROVED
APPROVED
K. Morita
TAITO CORPORATION
NAME
MAIN P.C.B
SCHEMATIC DIAGRAM
SIZE
A3
CODE
GUN BUSTER
DWG. NO.
J1100300A
SCALE
1 / 1
RELEASE DATE
'92.06.01
SHEET
3 / 25



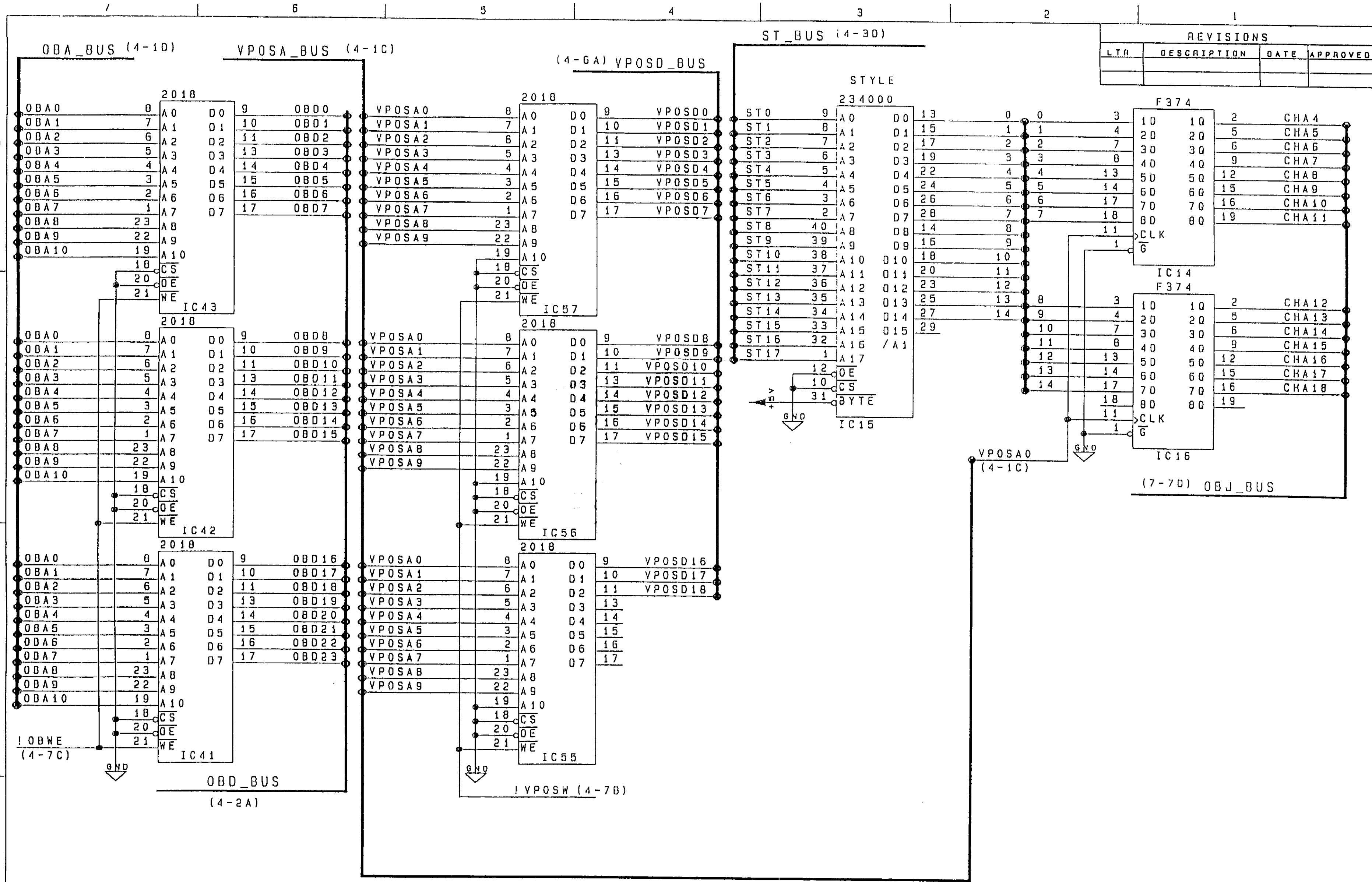
TAITO CORPORATION

DRAWN	
DESIGN	
CHECK	
APPROVED	
APPROVED	K. Morita

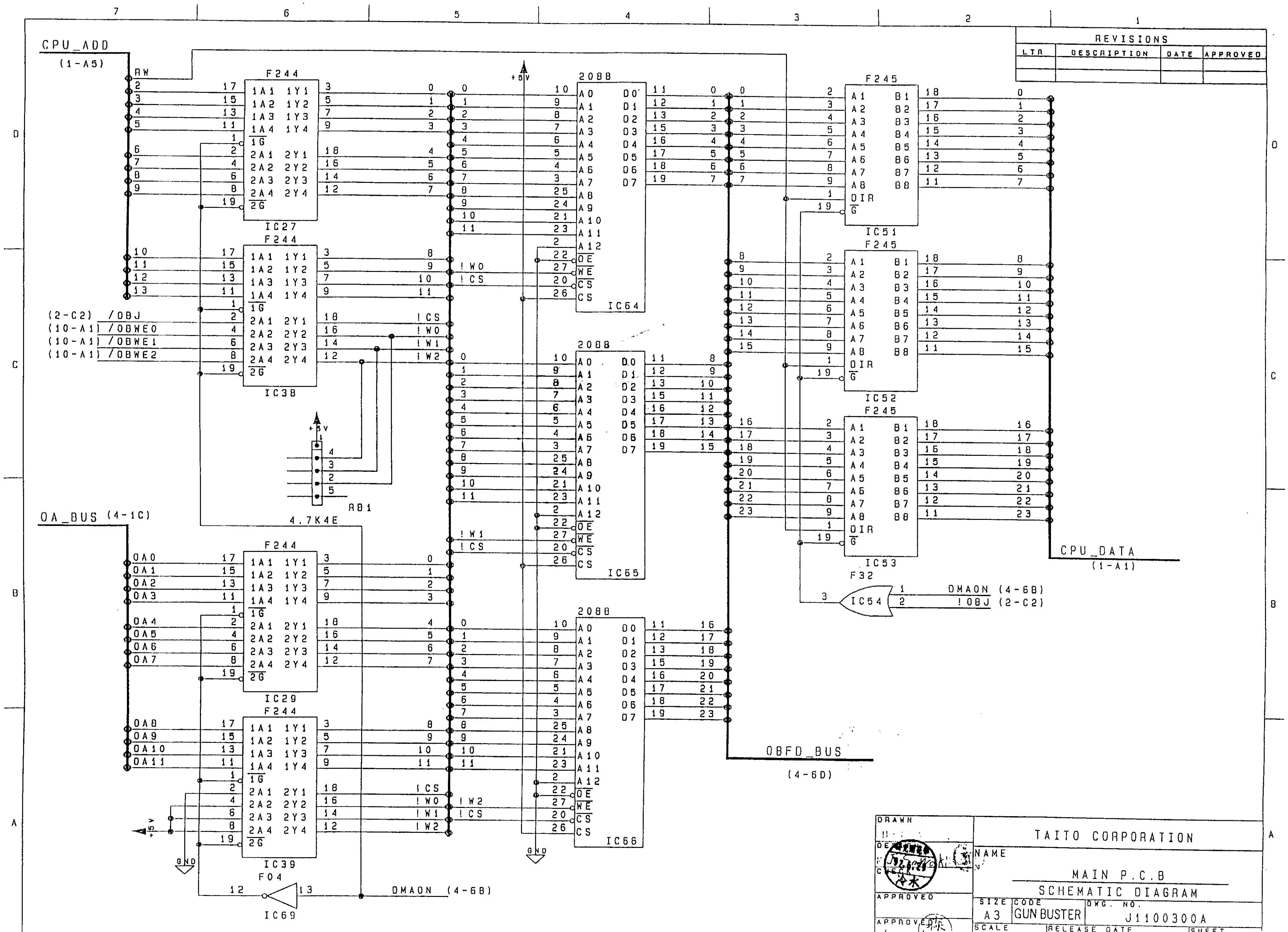
NAME: MAIN P.C.B SCHEMATIC DIAGRAM

SIZE	CODE	DWG. NO.
A3	GUN BUSTER	J1100300A

SCALE	RELEASE DATE	SHEET
1 / 1	'92.06.01	4 / 25



DRAWN	TAITO CORPORATION		
	NAME: MAIN P.C.B SCHEMATIC DIAGRAM		
APPROVED	SIZE: A3	CODE: GUN BUSTER	DWG. NO.: J1100300A
APPROVED: K Morita	SCALE: 1 : 1	RELEASE DATE: '92.05.01	SHEET: 5 / 25



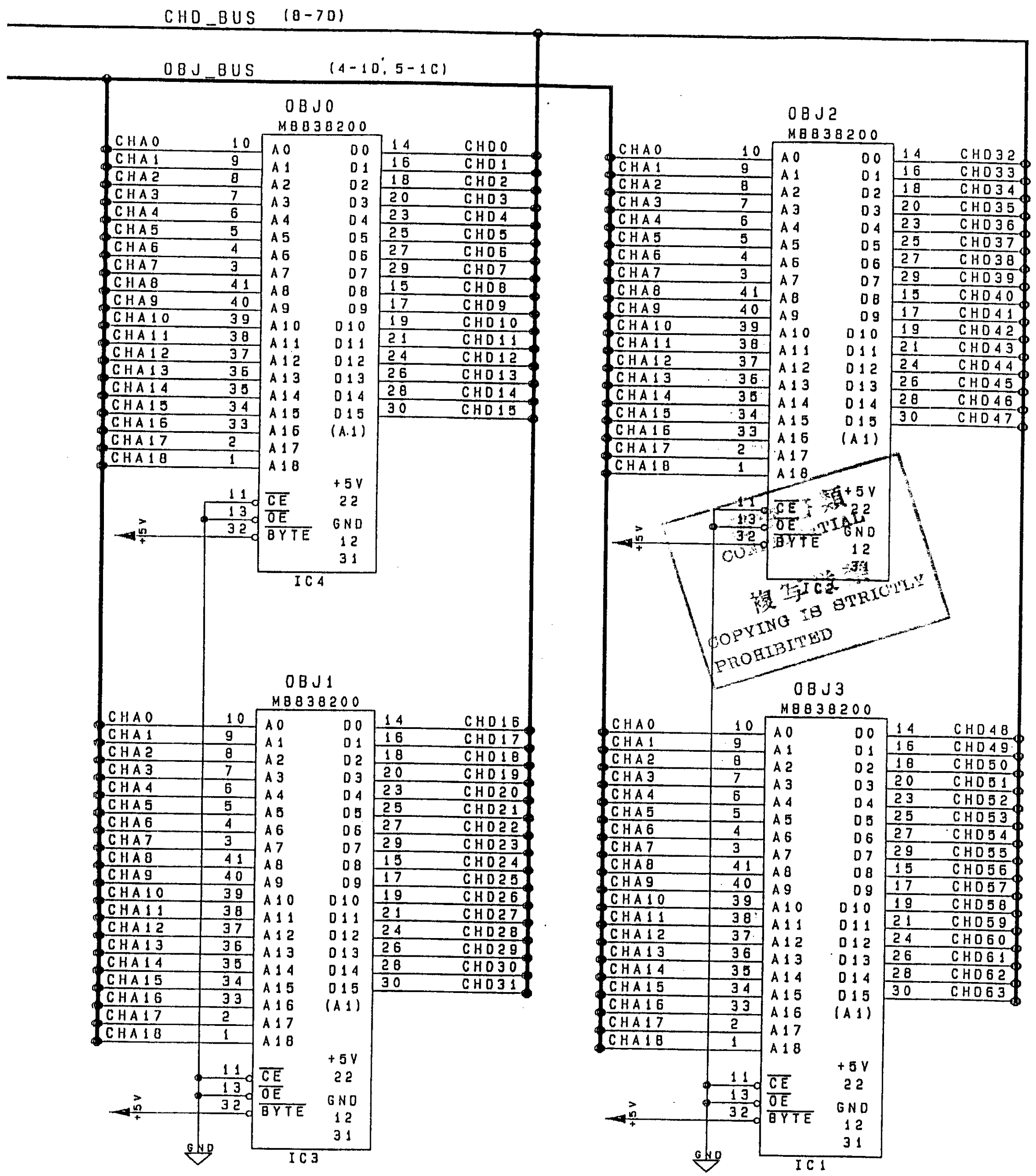
TAITO CORPORATION

NAME: MAIN P.C.B SCHEMATIC DIAGRAM

SIZE	CODE	DWG. NO.
A3	GUN BUSTER	J1100300A

SCALE	RELEASE DATE	SHEET
1 / 1	'92.06.[illegible]	6 / 25

DRAWN / DESIGNED / CHECKED / APPROVED / APPROVED

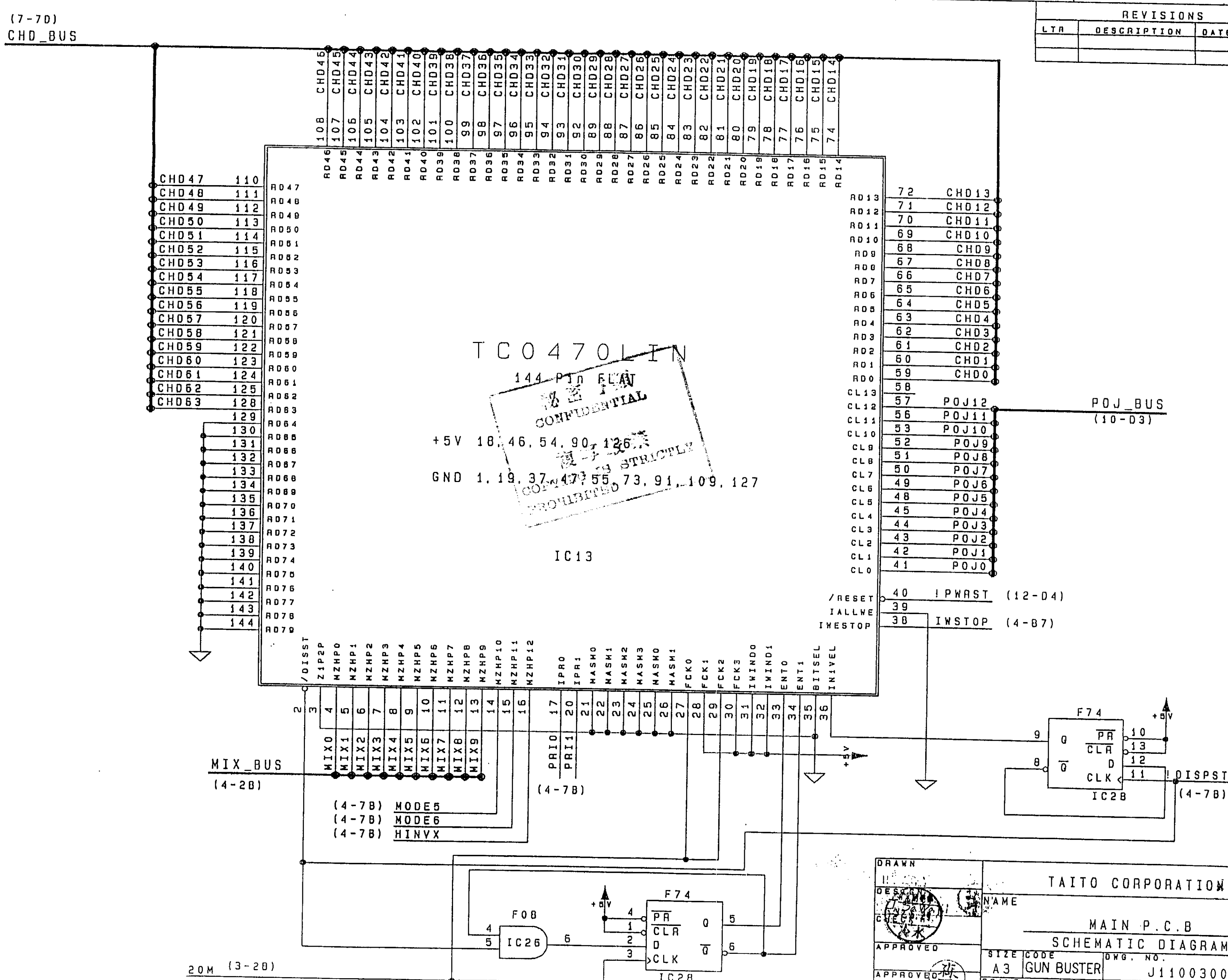


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

DRAWN	TAITO CORPORATION
DESIGNED	NAME: MAIN P.C.B SCHEMATIC DIAGRAM
CHECKED	
APPROVED	SIZE: A3 / CODE: GUN BUSTER / DWG. NO.: J1100300A
APPROVED K. Moula	SCALE: 1 / 1 / RELEASE DATE: '92.06.01 / SHEET: 7 / 25

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED



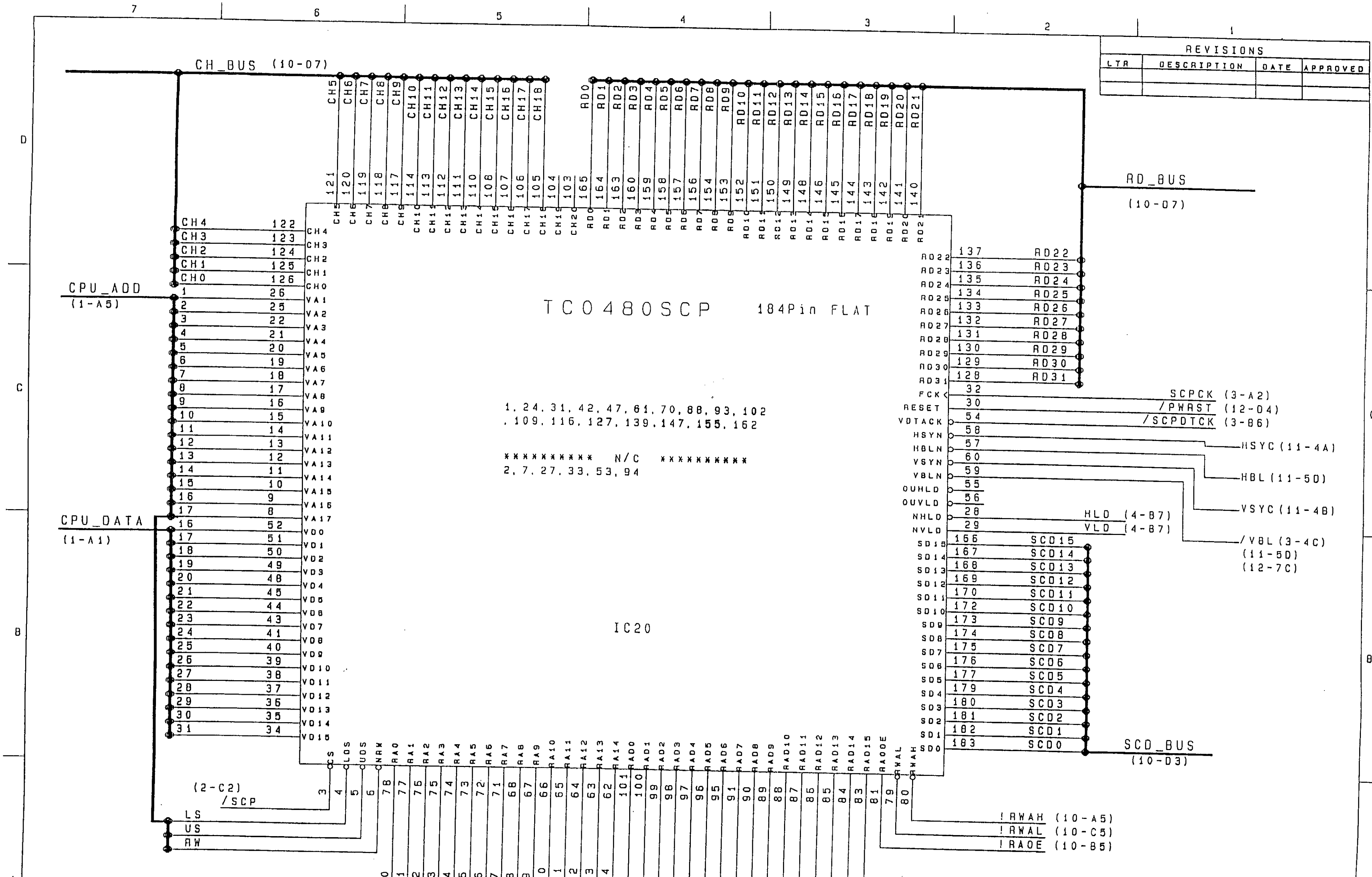
TAITO CORPORATION

NAME: MAIN P.C.B SCHEMATIC DIAGRAM

DRAWN | DESIGNED | CHECKED | APPROVED | APPROVED

SIZE	CODE	DWG. NO.
A3	GUN BUSTER	J1100300A

SCALE	RELEASE DATE	SHEET
1 / 1	'92.06.01	8 / 25



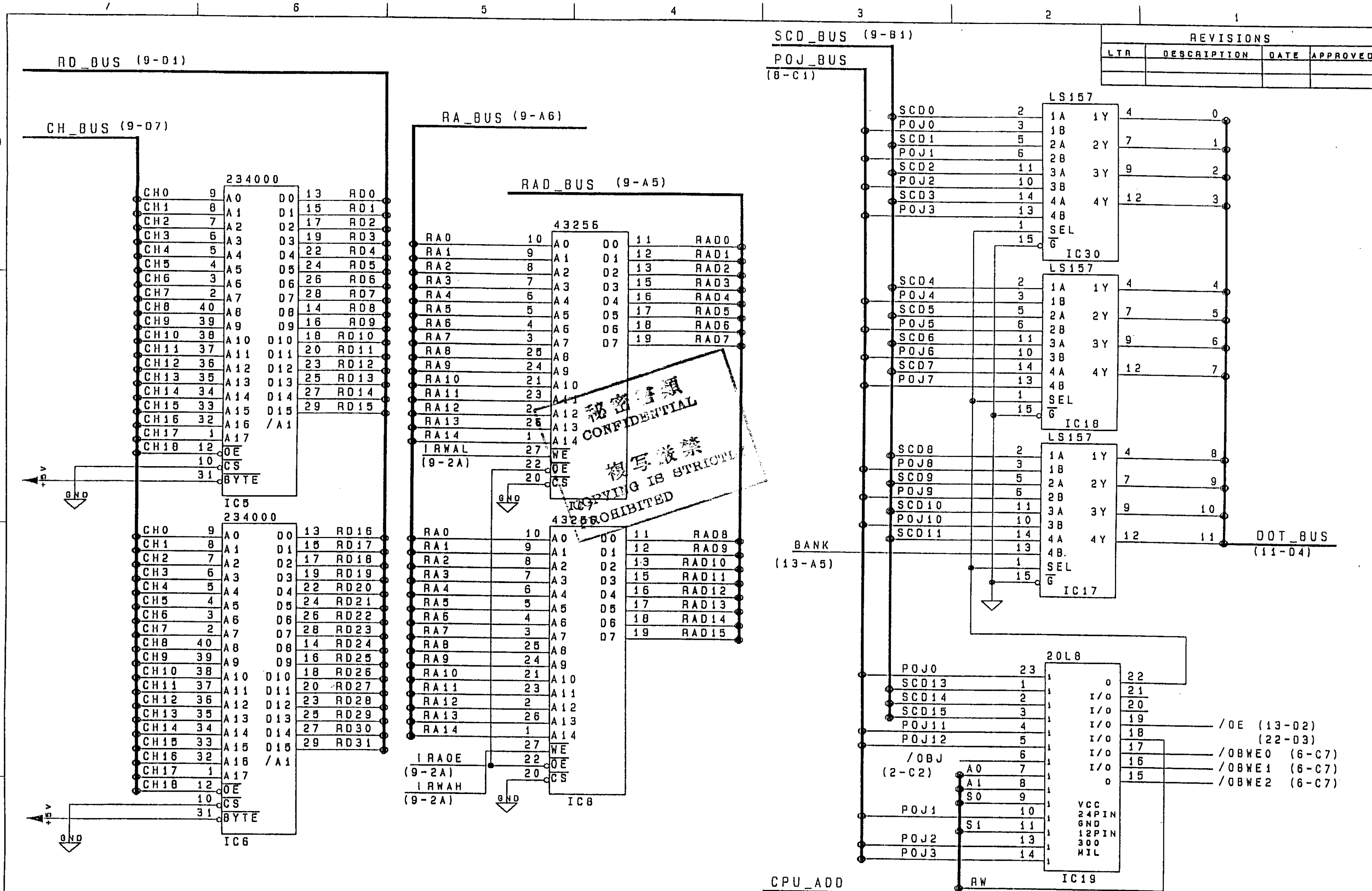
TAITO CORPORATION

NAME: MAIN P.C.B SCHEMATIC DIAGRAM

SIZE	CODE	DWG. NO.
A3	GUN BUSTER	J1100300A

SCALE	RELEASE DATE	SHEET
	'92.06.01	9 / 25

DRAWN / DESIGNED / CHECKED / APPROVED / APPROVED

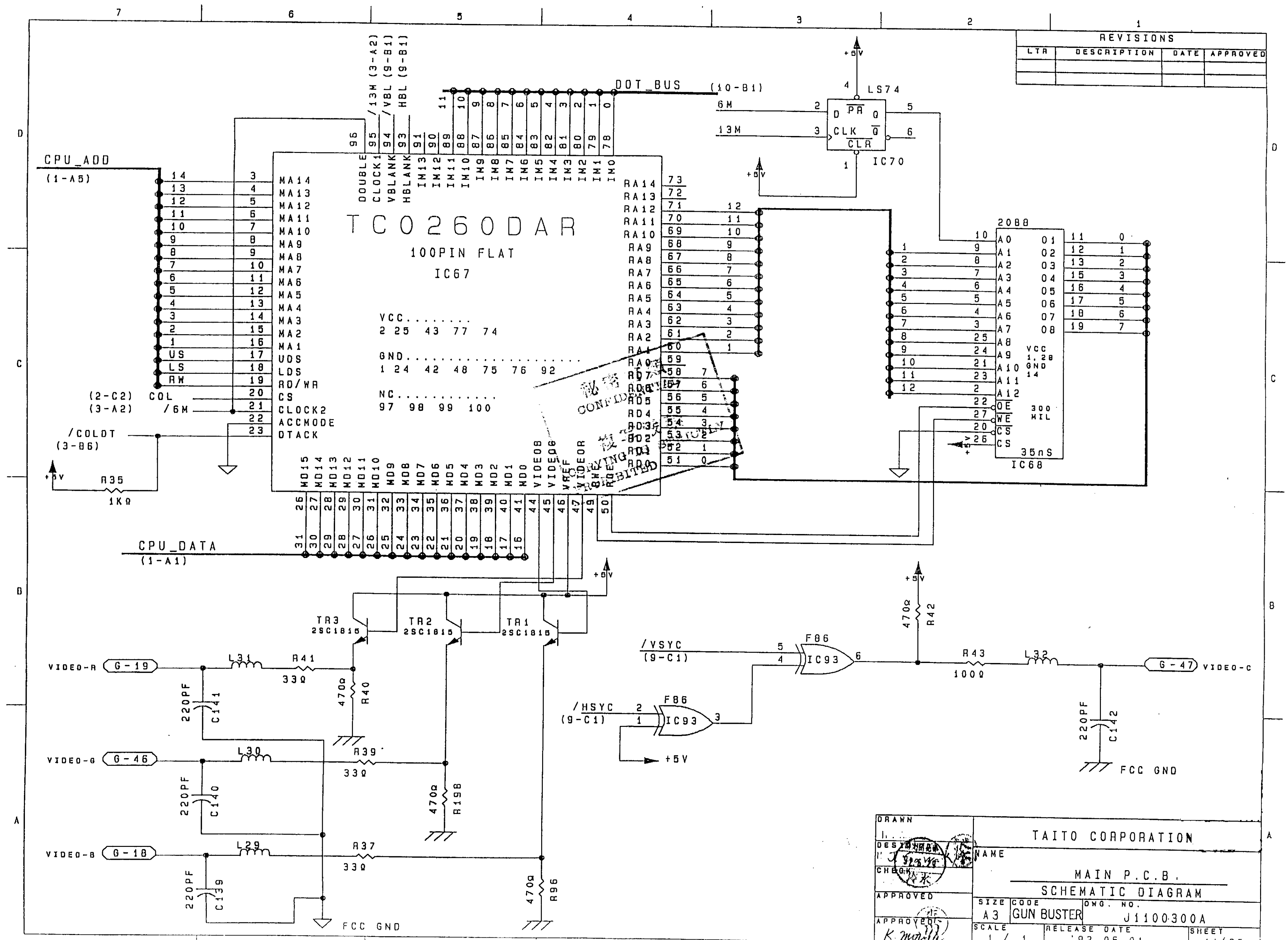


TAITO CORPORATION

NAME: MAIN P.C.B SCHEMATIC DIAGRAM

DRAWN	SIZE	CODE	DWG. NO.
	A3	GUN BUSTER	J1100300A

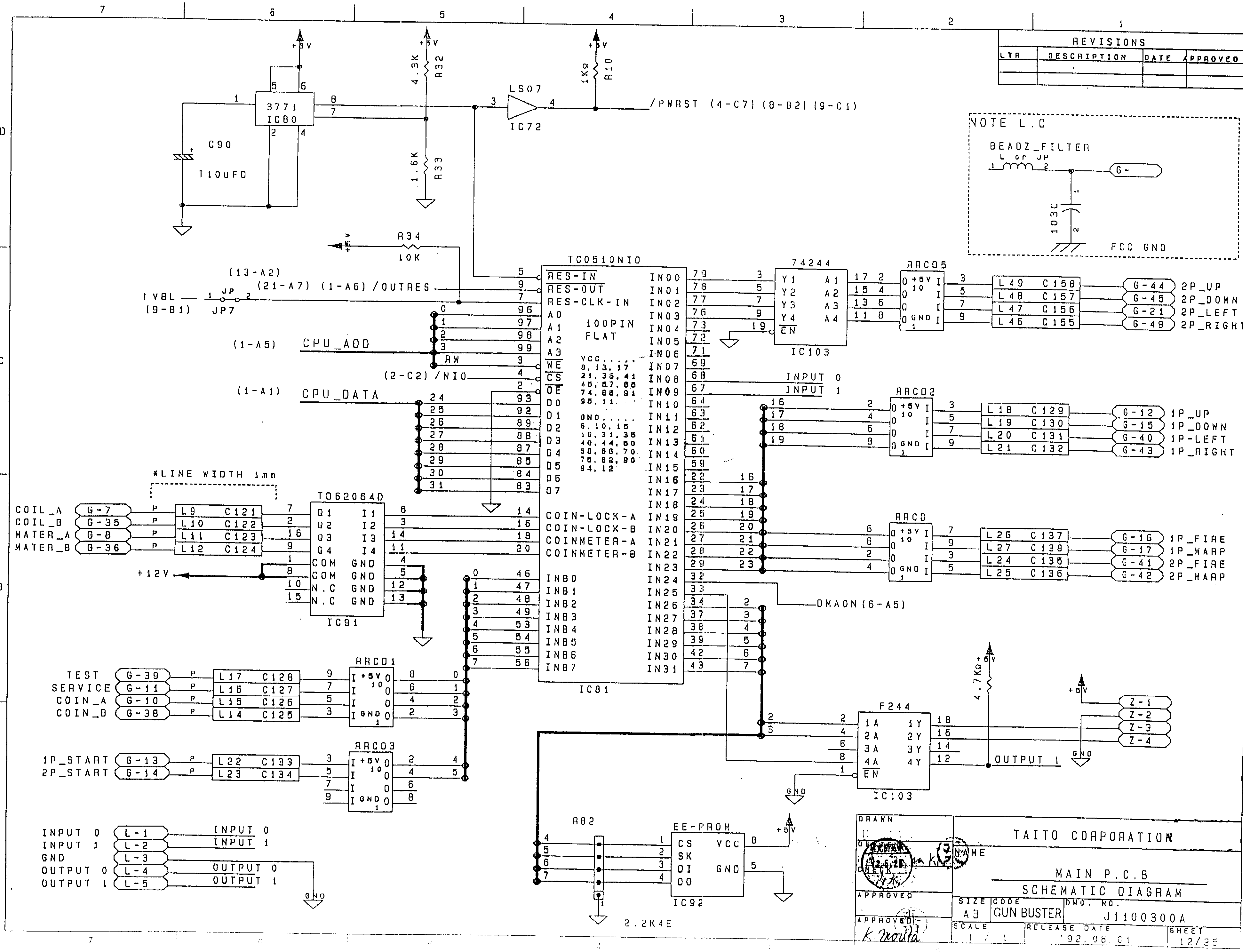
APPROVED	SCALE	RELEASE DATE	SHEET
K. Morita	1 / 1	'92.06.01	10/25

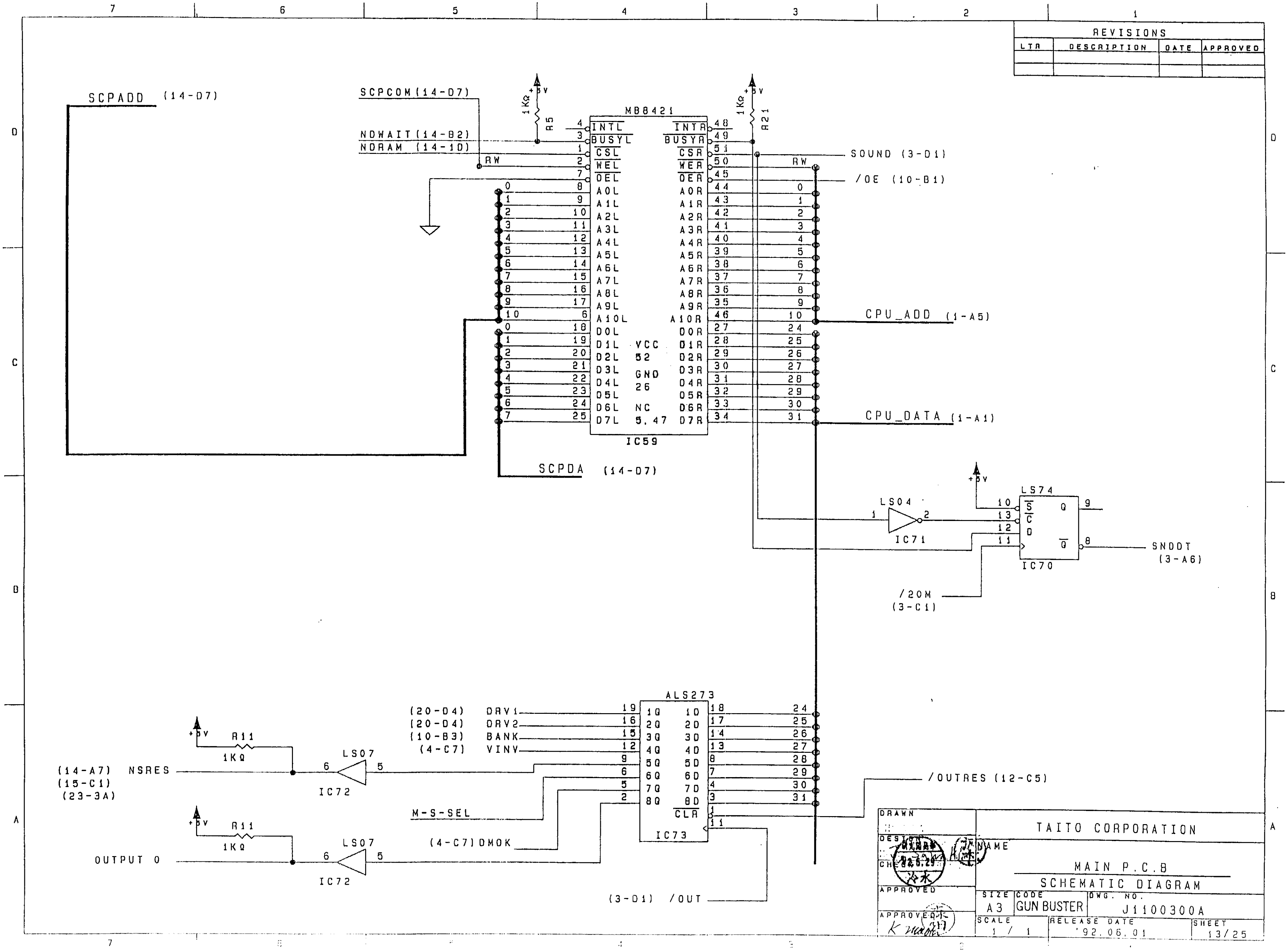


DRAWN	TAITO CORPORATION
DESIGNED	NAME
CHECKED	MAIN P.C.B. SCHEMATIC DIAGRAM
APPROVED	
APPROVED K. Morita	

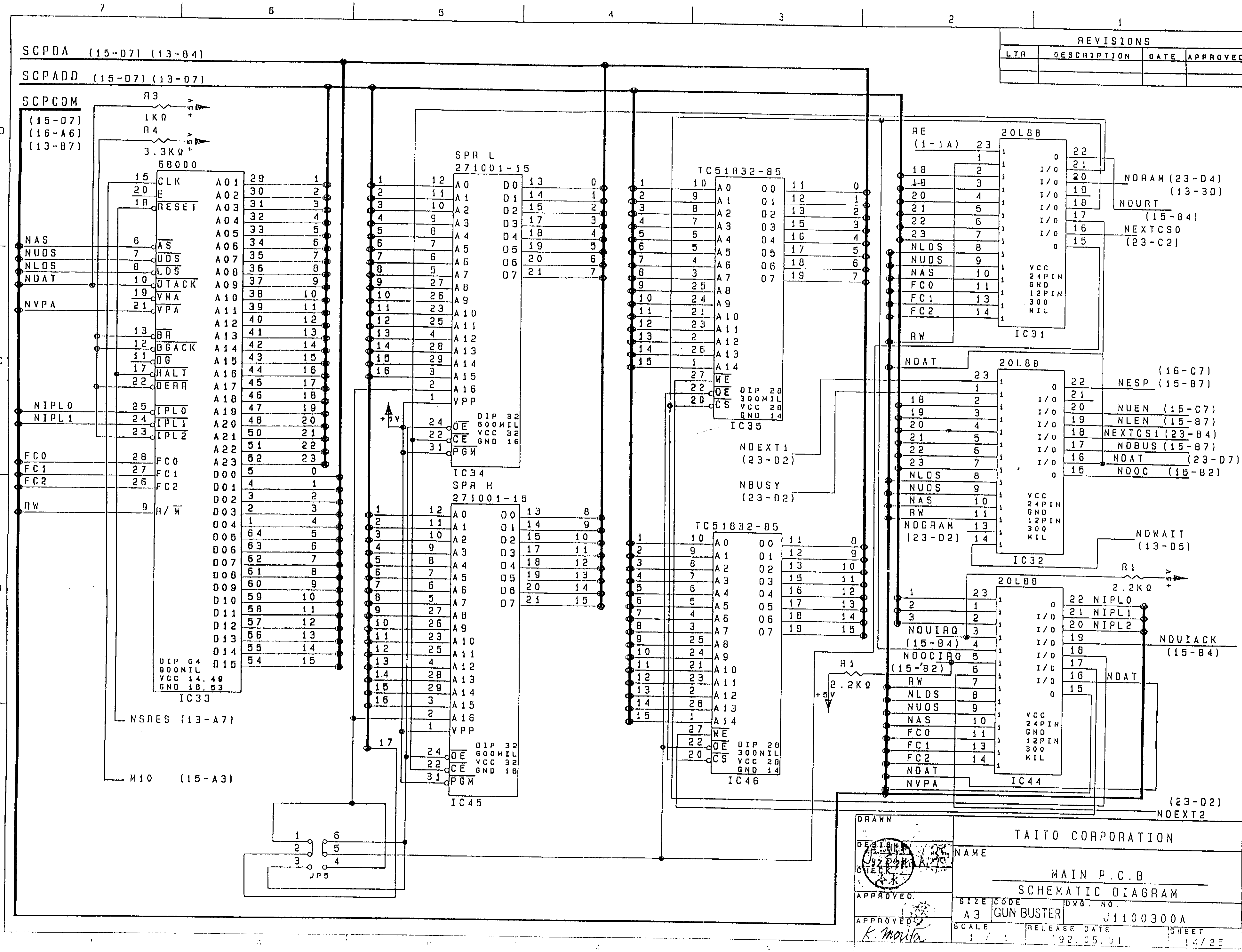
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A3	GUN BUSTER	J1100300A

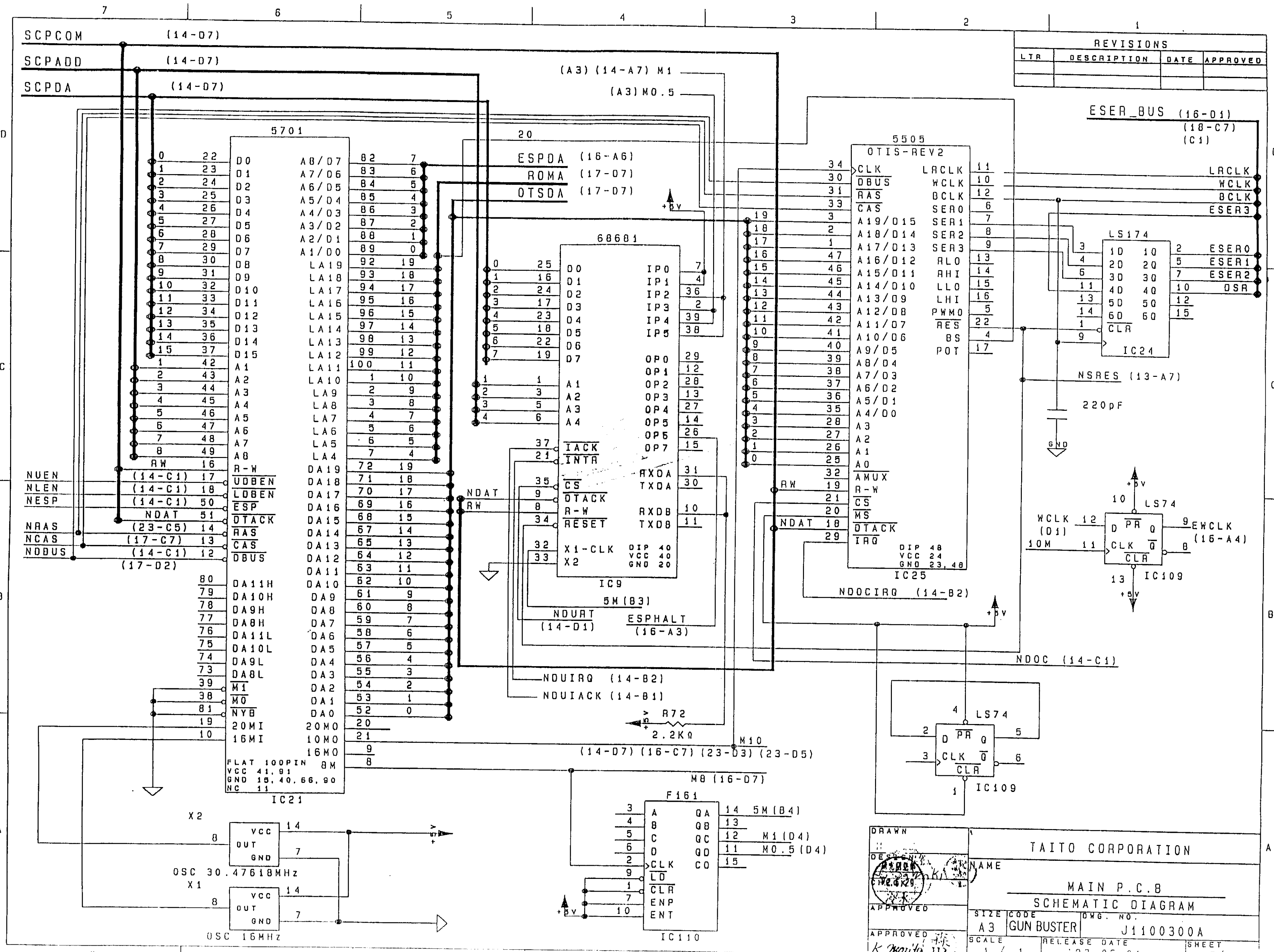
SCALE	RELEASE DATE	SHEET
1 / 1	'92. 06. 01	11/25


REVISIONS
LTR DESCRIPTION DATE APPROVED
NOTE L.C
BEADZ_FILTER
L or JP
G-
103C
FCC GND
3771
IC80
C90
T10uFD
4.3K R32
1.6K R33
LS07
IC72
1KΩ R10
/PWRST (4-C7) (8-B2) (9-C1)
R34
10K
(13-A2)
(21-A7) (1-A6) /OUTRES
!VBL
(9-B1)
JP7
TC0510NIO
RES-IN
RES-OUT
RES-CLK-IN
100PIN
FLAT
(1-A5) CPU_ADD
(2-C2) /NIO
(1-A1) CPU_DATA
74244
IC103
RRCD5
2P_UP
2P_DOWN
2P_LEFT
2P_RIGHT
INPUT 0
INPUT 1
RRCD2
1P_UP
1P_DOWN
1P-LEFT
1P_RIGHT
*LINE WIDTH 1mm
TD62064D
COIL_A
COIL_B
MATER_A
MATER_B
+12V
IC91
COIN-LOCK-A
COIN-LOCK-B
COINMETER-A
COINMETER-B
RRCD
1P_FIRE
1P_WARP
2P_FIRE
2P_WARP
DMAON (6-A5)
IC81
TEST
SERVICE
COIN_A
COIN_B
RRCD1
1P_START
2P_START
RRCD3
F244
OUTPUT 1
INPUT 0
INPUT 1
GND
OUTPUT 0
OUTPUT 1
RB2
2.2K4E
EE-PROM
IC92
DRAWN
CHECK
APPROVED
TAITO CORPORATION
NAME
MAIN P.C.B
SCHEMATIC DIAGRAM
SIZE A3
CODE GUN BUSTER
DWG. NO. J1100300A
SCALE 1/1
RELEASE DATE '92.06.01
SHEET 12/25



REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
SCPADD (14-D7)
SCPCOM(14-D7)
NDWAIT(14-B2)
NDRAM (14-1D)
RW
1KΩ
R5
R21
+5V
MB8421
INTL
BUSYL
CSL
WEL
OEL
A0L
A1L
A2L
A3L
A4L
A5L
A6L
A7L
A8L
A9L
A10L
D0L
D1L
D2L
D3L
D4L
D5L
D6L
D7L
VCC 52
GND 26
NC 5, 47
INTR
BUSYR
CSR
WER
OER
A0R
A1R
A2R
A3R
A4R
A5R
A6R
A7R
A8R
A9R
A10R
D0R
D1R
D2R
D3R
D4R
D5R
D6R
D7R
IC59
SOUND (3-D1)
/OE (10-B1)
CPU_ADD (1-A5)
CPU_DATA (1-A1)
SCPDA (14-D7)
LS04
IC71
LS74
IC70
SNDOT (3-A6)
/20M (3-C1)
ALS273
IC73
(20-D4) DRV1
(20-D4) DRV2
(10-B3) BANK
(4-C7) VINV
M-S-SEL
(4-C7) DMOK
(3-D1) /OUT
/OUTRES (12-C5)
CLR
R11
1KΩ
LS07
IC72
(14-A7) NSRES
(15-C1)
(23-3A)
OUTPUT 0
TAITO CORPORATION
NAME
MAIN P.C.B
SCHEMATIC DIAGRAM
DRAWN
DESIGNED
CHECKED
APPROVED
SIZE A3
CODE GUN BUSTER
DWG. NO. J1100300A
SCALE 1 / 1
RELEASE DATE '92.06.01
SHEET 13/25


REVISIONS
LTR DESCRIPTION DATE APPROVED
SCPDA (15-07) (13-04)
SCPADD (15-07) (13-07)
SCPCOM (15-07) (16-A6) (13-B7)
R3 1KΩ +5V
R4 3.3KΩ +5V
68000
IC33
SPR L 271001-15
IC34
SPR H 271001-15
IC45
TC51832-85
IC35
IC46
20L88
IC31
IC32
IC44
NORAM (23-04) (13-30)
NOURT (15-B4)
NEXTCS0 (23-C2)
NESP (16-C7) (15-B7)
NUEN (15-C7)
NLEN (15-B7)
NEXTCS1 (23-B4)
NOBUS (15-B7)
NDAT (23-D7)
NDOC (15-B2)
NDEXT1 (23-D2)
NBUSY (23-D2)
NDWAIT (13-D5)
R1 2.2KΩ
NDUIACK (15-B4)
NDUIRQ (15-B4)
NDOCIRQ (15-B2)
(23-02) NDEXT2
NSRES (13-A7)
M10 (15-A3)
JP5
TAITO CORPORATION
NAME MAIN P.C.B SCHEMATIC DIAGRAM
SIZE A3 CODE GUN BUSTER DWG. NO. J1100300A
SCALE 1 / 1 RELEASE DATE '92.05.31 SHEET 14/25
DRAWN DESIGNED CHECK APPROVED APPROVED K. Morita



DRAWN

DESIGNED

APPROVED

APPROVED

TAITO CORPORATION

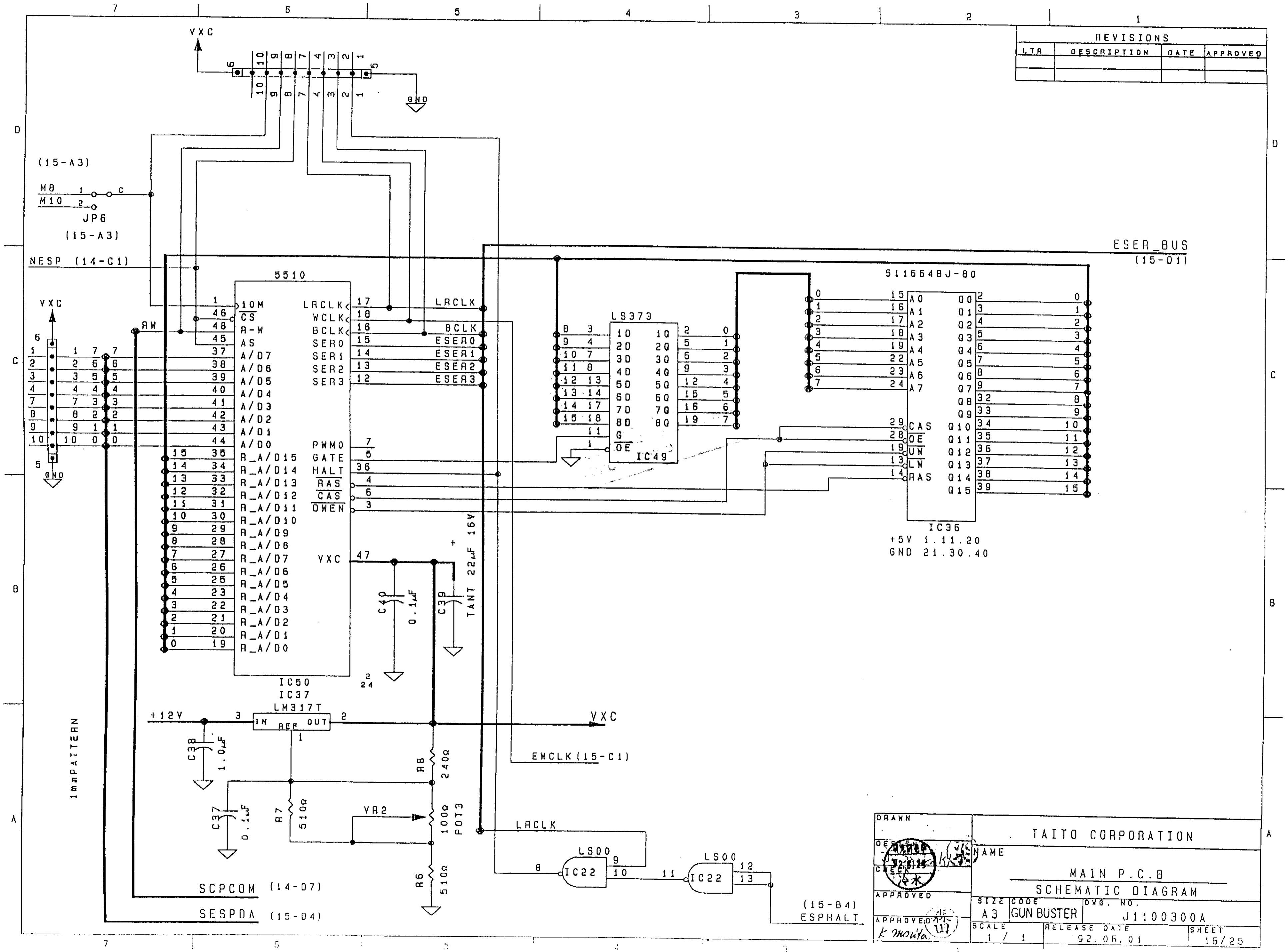
NAME

MAIN P.C.B

SCHEMATIC DIAGRAM

SIZE	CODE	DWG. NO.
A3	GUN BUSTER	J1100300A

SCALE	RELEASE DATE	SHEET
1 / 1	'92.05.01	15/25



REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

DRAWN
DESIGNED
CHECK
APPROVED
APPROVED K. Morita

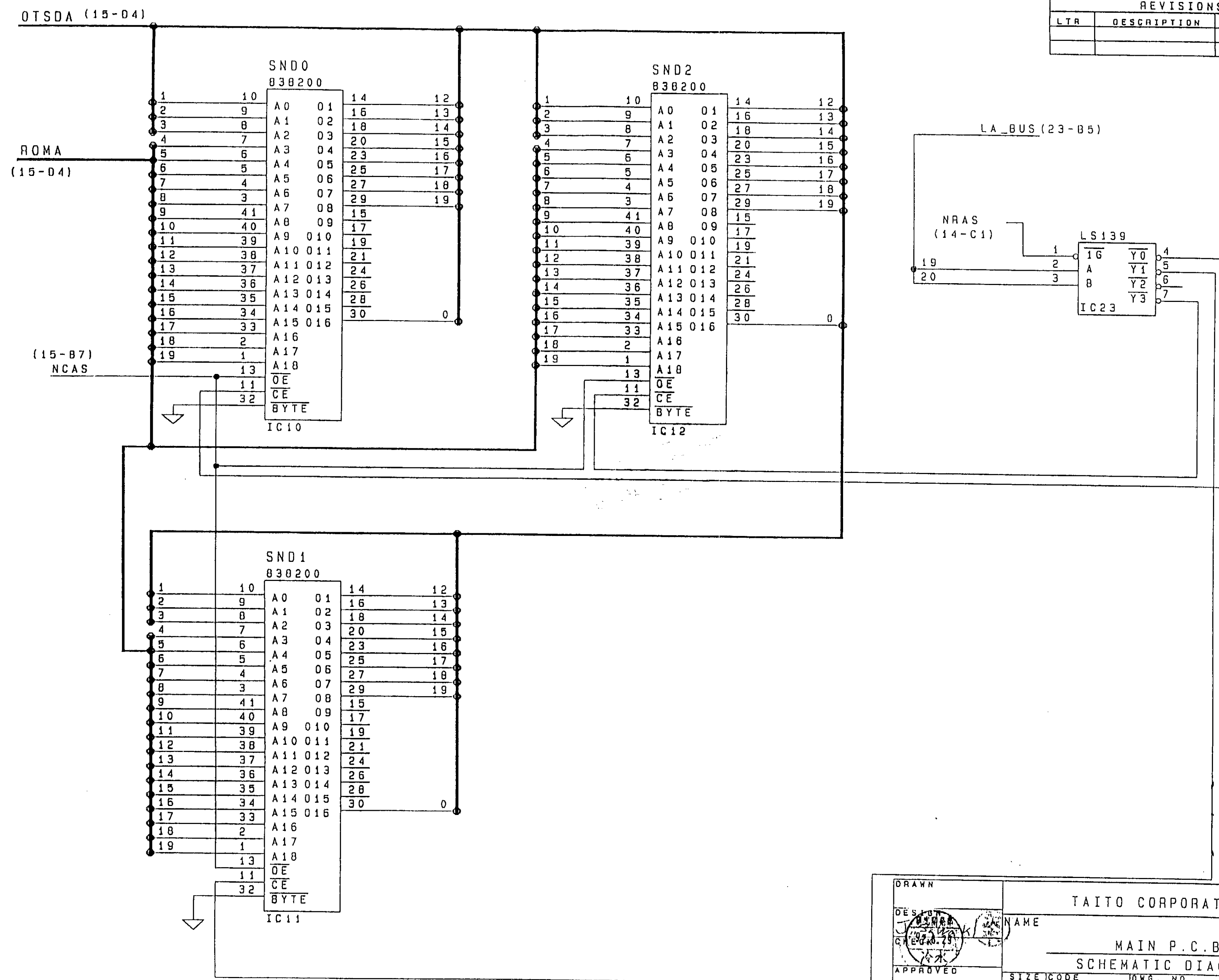
TAITO CORPORATION

NAME

MAIN P.C.B
SCHEMATIC DIAGRAM

SIZE	CODE	DWG. NO.
A3	GUN BUSTER	J1100300A

SCALE	RELEASE DATE	SHEET
1 / 1	92.06.01	16/25



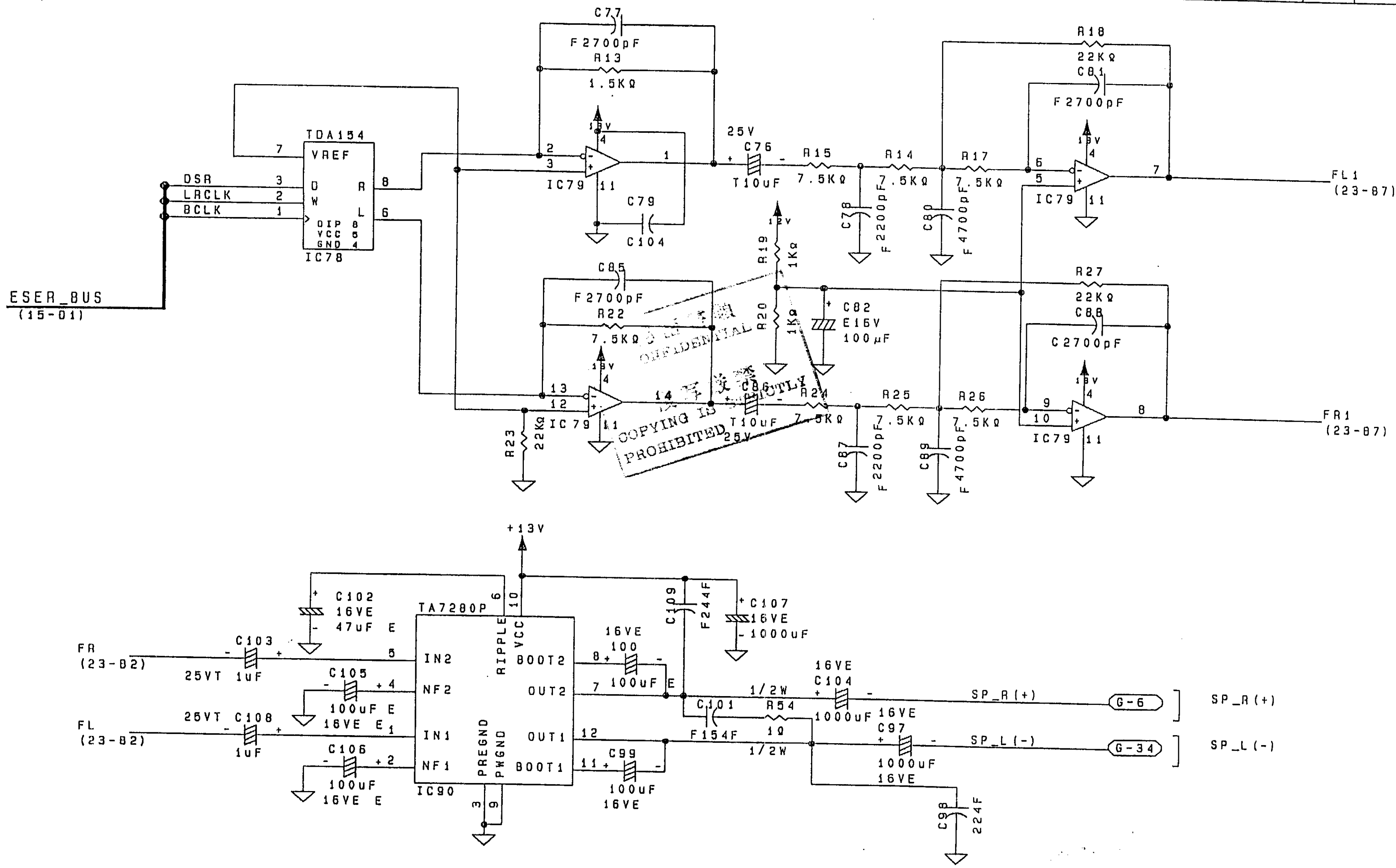
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

TAITO CORPORATION

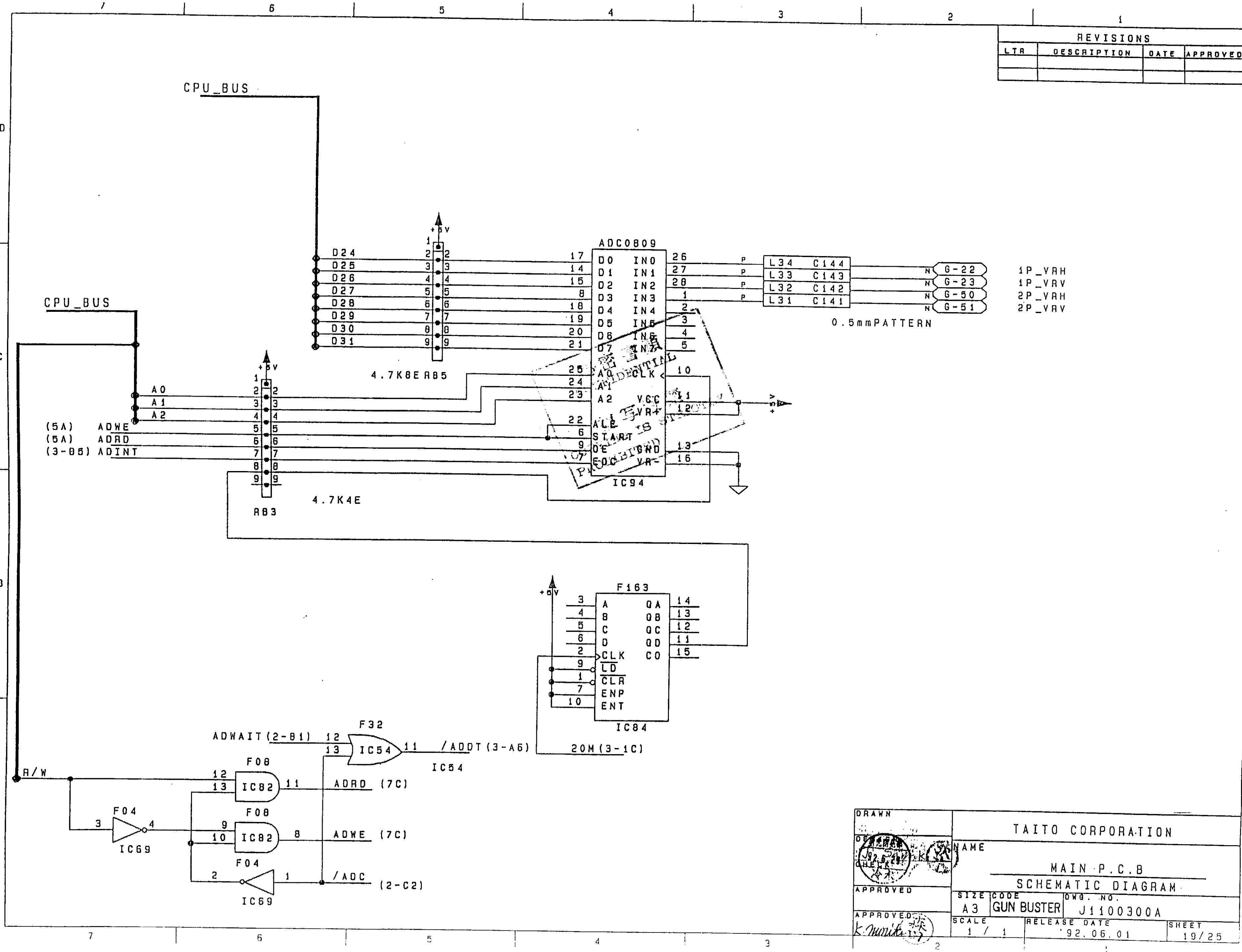
DRAWN	
DESIGN	
CHECKED	
APPROVED	
APPROVED	K. Morita
NAME	MAIN P.C.B SCHEMATIC DIAGRAM
SIZE	A3
CODE	GUN BUSTER
DWG. NO.	J1100300A
SCALE	1 : 1
RELEASE DATE	'92.06.01
SHEET	17/25

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



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DRAWN	TAITO CORPORATION
DESIGNED	NAME MAIN·P.C.B SCHEMATIC DIAGRAM
CHECKED	
APPROVED	SIZE A3 · CODE GUN BUSTER · DWG. NO. J1100300A
APPROVED K. Morita	SCALE 1 / 1 · RELEASE DATE '92.06.01 · SHEET 18/ 25



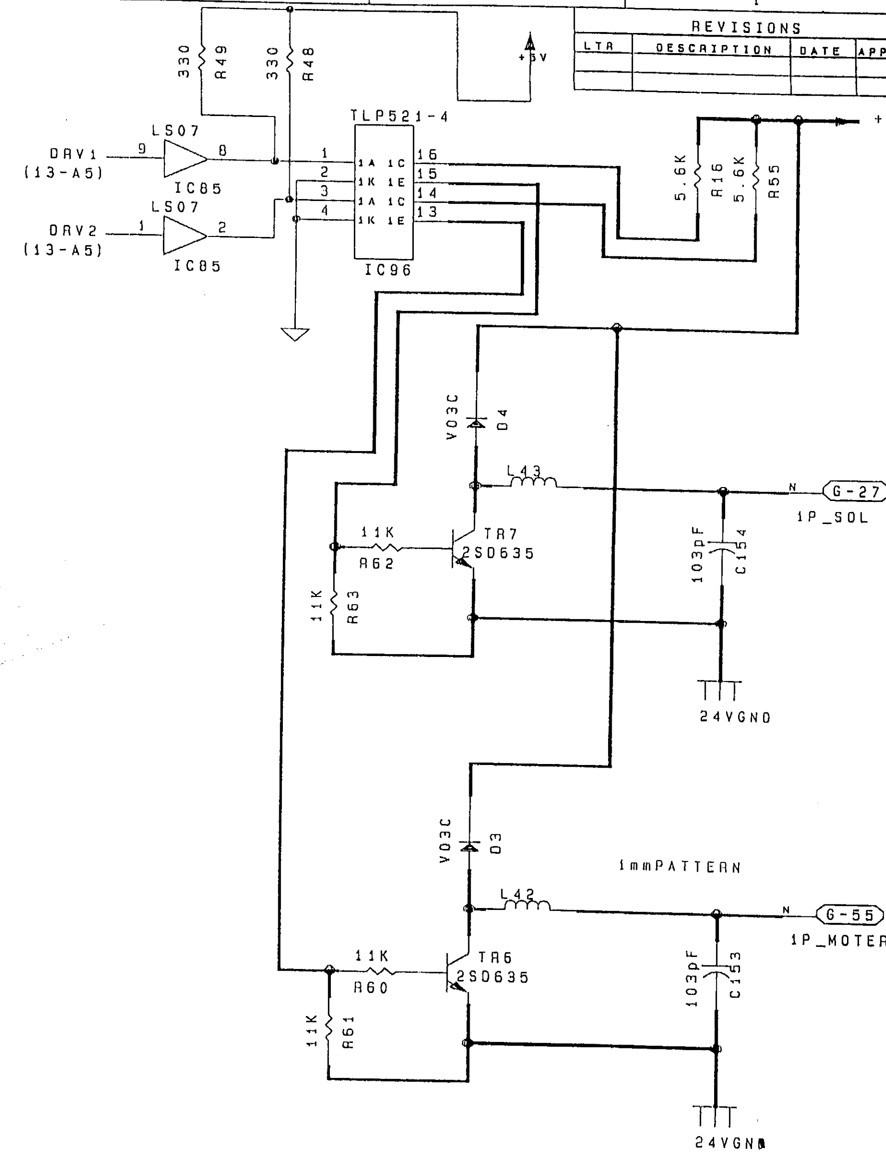
TAITO CORPORATION

NAME: MAIN P.C.B SCHEMATIC DIAGRAM

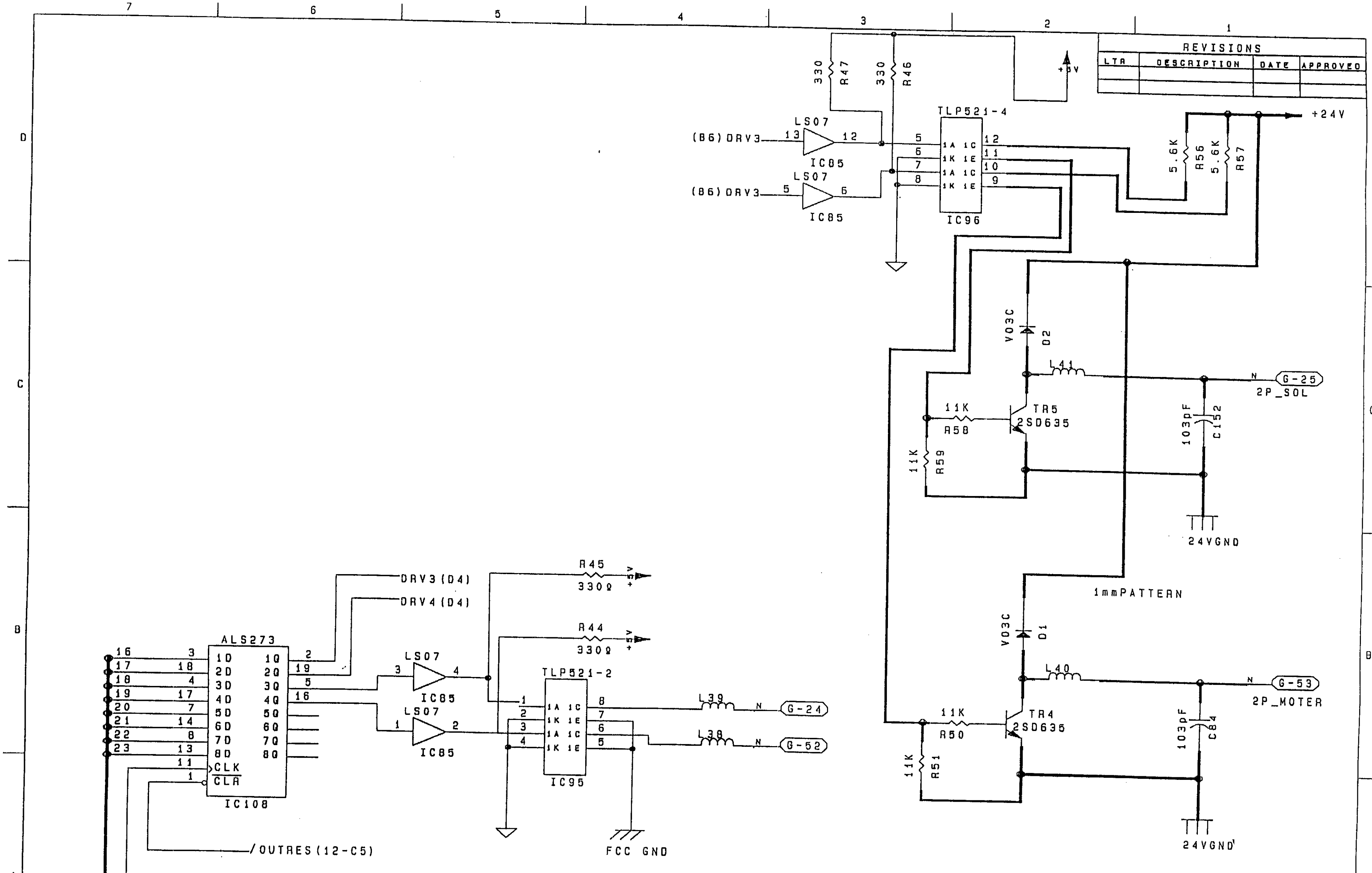
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	A3	GUN BUSTER	J1100300A

SCALE	RELEASE DATE	SHEET
1 / 1	'92.06.01	19/25

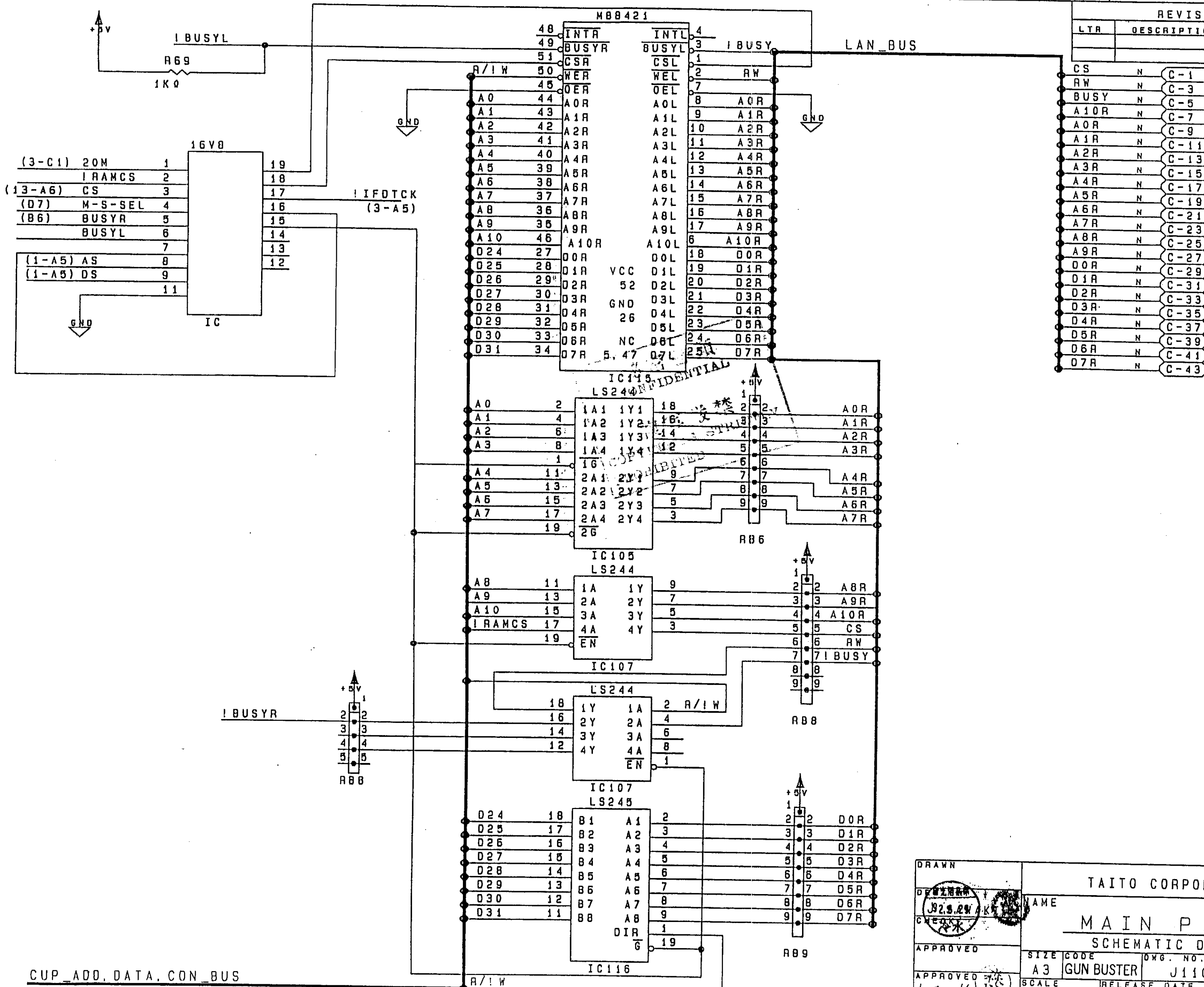
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



DRAWN	TAITO CORPORATION		
DESIGNED	NAME		
CHECKED	CPU P.C.B SCHEMATIC DIAGRAM		
APPROVED	SIZE A3	CODE GUN BUSTER	DWG. NO. J1100300A
APPROVED K. Morita	SCALE 1 / 1	RELEASE DATE '92.05.31	SHEET 20/25



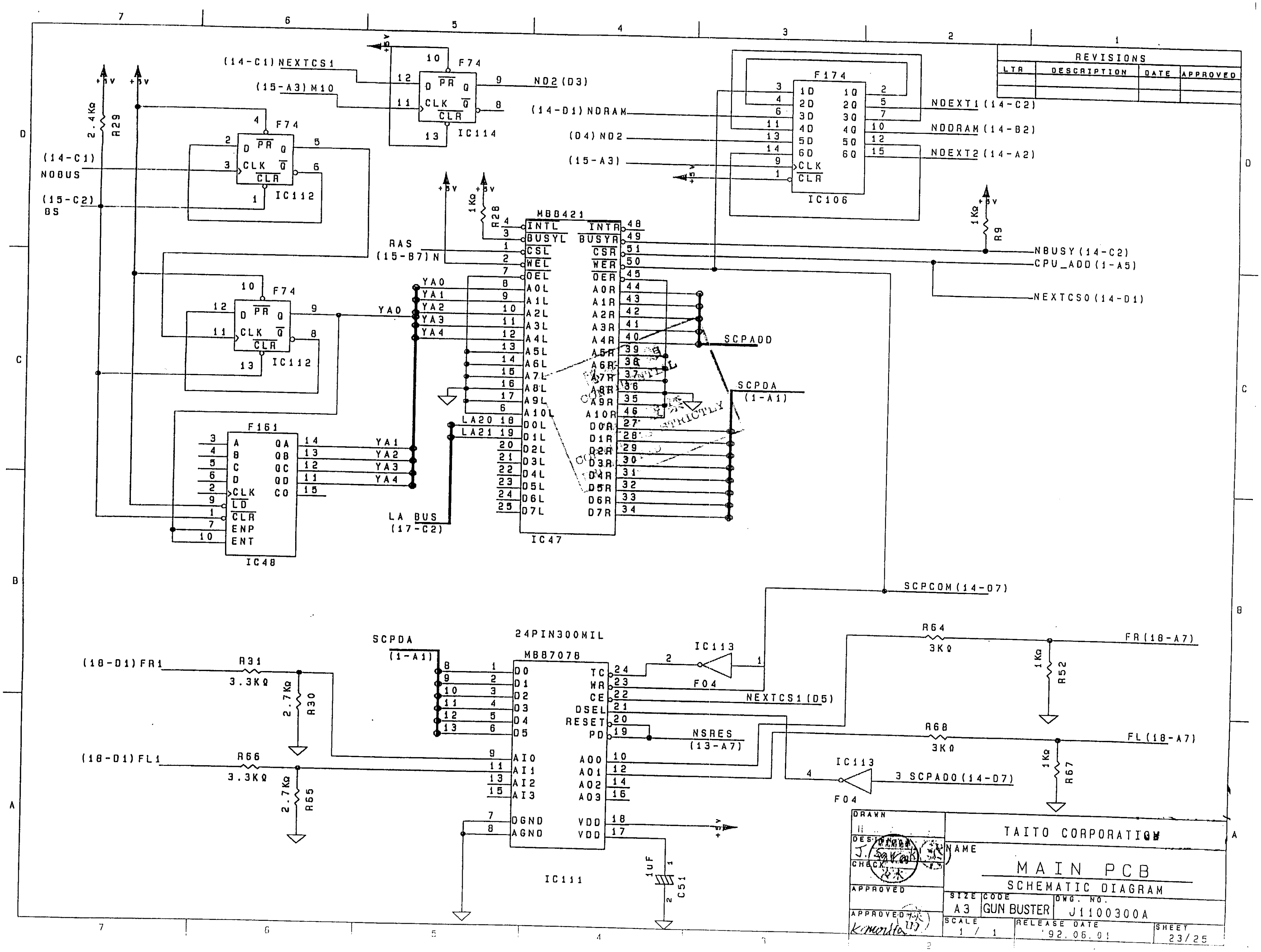
DRAWN	TAITO CORPORATION
DESIGNED	NAME
CHECKED	CPU P.C.B SCHEMATIC DIAGRAM
APPROVED	SIZE A3 / CODE GUN BUSTER / DWG. NO. J1100300A
APPROVED K. Morita	SCALE 1 / 1 / RELEASE DATE '92.06.01 / SHEET 21/25



REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

DRAWN	TAITO CORPORATION
DESIGNED '92.5.29	NAME: MAIN P.C.B SCHEMATIC DIAGRAM
CHECKED	
APPROVED	SIZE: A3 · CODE: GUN BUSTER · DWG. NO.: J1100300A
APPROVED K. Morita	SCALE: 1 / 1 · RELEASE DATE: '92.06.04 · SHEET: 22/ 25



DRAWN

DESIGNED

CHECK

APPROVED

APPROVED

TAITO CORPORATION

NAME

MAIN PCB

SCHEMATIC DIAGRAM

SIZE: A3

CODE: GUN BUSTER

DWG. NO.: J1100300A

SCALE: 1 / 1

RELEASE DATE: '92.06.01

SHEET: 23/25

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

G CONNECTOR			
1	GND	29	GND
2	GND	30	GND
3	+5V	31	+5V
4	+5V	32	+5V
5	+13V	33	+13V
6	RSP (+)	34	LSP (-)
7	LOCK A	35	LOCK B
8	METER A	36	METER B
9	POST	37	POST
10	COIN A	38	COIN B
11	SERVICE	39	TEST
12	1P_UP	40	1P_LEFT
13	1P_START	41	2P_GUN
14	2P_START	42	2P_BONB
15	1P_DOWN	43	1P_RIGHT
16	1P_GUN	44	2P_UP
17	1P_BOMB	45	2P_DOWN
18	BLUE	46	GREEN
19	RED	47	COMP
20	GND	48	GND
21	2P_LEFT	49	2P_RIGHT
22	1P_VRH	50	2P_VRH
23	1P_VRV	51	2P_VRV
24	1P_LAMP	52	2P_LAMP
25	2P_SOL	53	2P_MOTER
26	+24V	54	+24V
27	1P_SOL	55	1P_MOTER
28	24V GND	56	24V GND

C CONNECTOR			
1	CS	2	GND
3	RW	4	GND
5	BUSY	6	GND
7	A10R	8	GND
9	A0R	10	GND
11	A1R	12	GND
13	A2R	14	GND
15	A3R	16	GND
17	A4R	18	GND
19	A5R	20	GND
21	A6R	22	GND
23	A7R	24	GND
25	A8R	26	GND
27	A9R	28	GND
29	D0R	30	GND
31	D1R	32	GND
33	D2R	34	GND
35	D3R	36	GND
37	D4R	38	GND
39	D5R	40	GND
41	D6R	42	GND
43	D7R	44	GND
45		46	GND
47		48	GND
49		50	GND

XG4A(DIP STRAIGHT 50P)

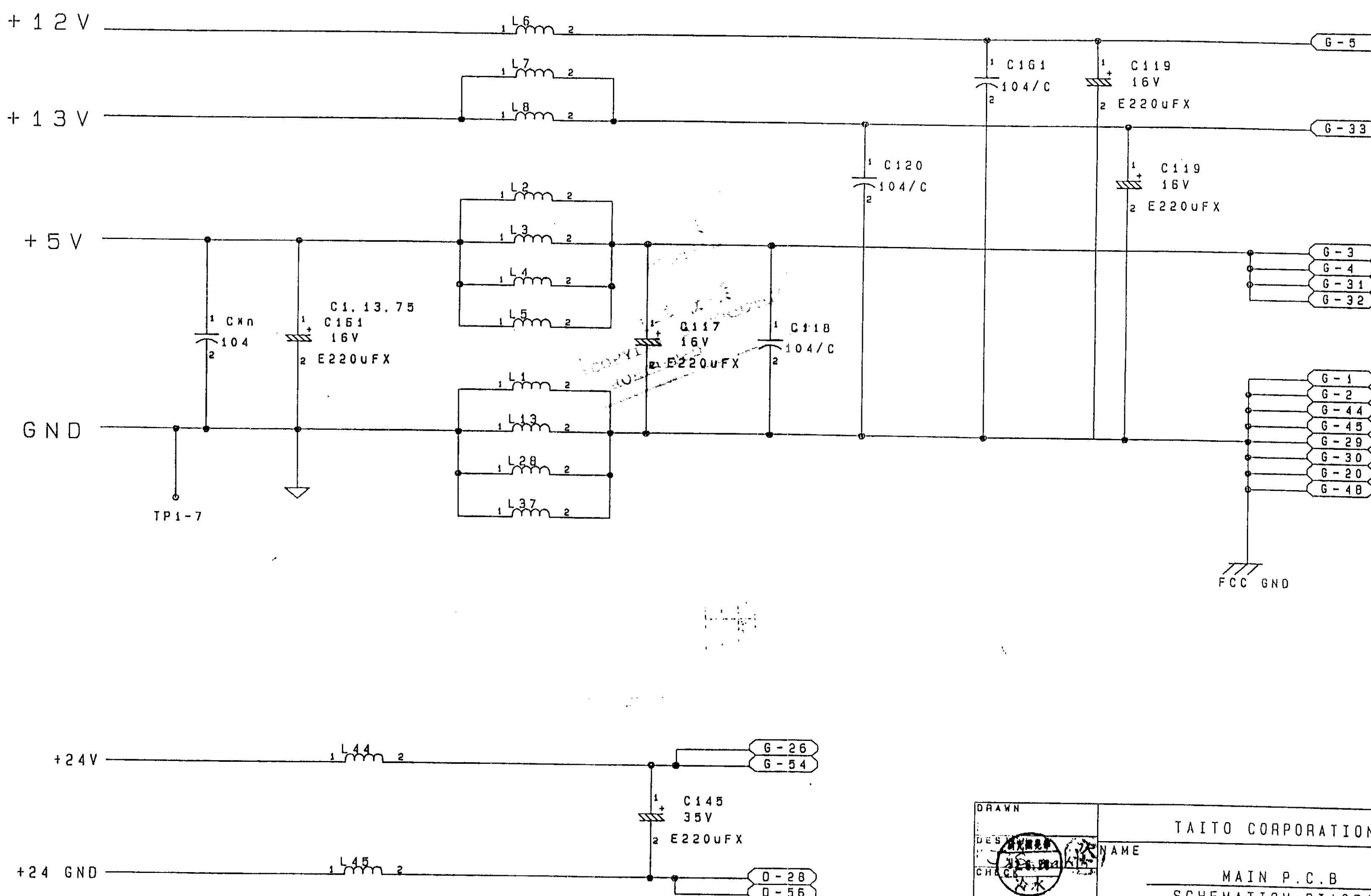
Z CONNECTOR	
1	+5V
2	GND
3	Z0
4	Z1

B04-SHF-1

L CONNECTOR	
1	INPUT 0
2	INPUT 1
3	GND
4	OUTPUT 0
5	OUTPUT 1

DRAWN	TAITO CORPORATION		
DESIGNED	NAME		
CHECK	MAIN P.C.B SCHEMATIC DIAGRAM		
APPROVED	SIZE A3	CODE GUN BUSTER	DWG. NO. J1100300A
APPROVED K.morita	SCALE 1 / 1	RELEASE DATE '92.06.01	SHEET 24/25

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



DRAWN	TAITO CORPORATION		
DESIGN	NAME: MAIN P.C.B SCHEMATICM DIAGRAM		
CHECK			
APPROVED	SIZE: A3	CODE: GUN BUSTER	DWG. NO.: J1100300A
APPROVED K.morita	SCALE: 1 / 1	RELEASE DATE: '92.06.01	SHEET: 25/25